

MONSANTO

From: Gordon A. Grundmann CS6G Corporate Engineering (4-6112)

Date: April 22, 1985

cc:	D.R. Bowers	CS6G
	L.V. Bumbicka	1740
	R.M. Calles	CS6G
	M.A. Coco	Alberici
	R.J. Geile	CS6G
	E.R. Hartman	CS6G
	P.R. Hoemann	1740
	L.C. Kreh	F2ED
	F.A. Mayse	CS6G
	B.W. Steketee	1740
	R.L. Wiese	CS6G

Subj: Project Progress Meetings

Re: CEA 3808 - Main South Trunk Sewer

TO:	J.J. Beckerle	Alberici
	W. Bodine	Alberici
	T.N. Carrico	1740
	W.C. Koester	Alberici*
	K.W. Lichtenheld	CS6G*
	C.J. Lotz	Alberici*
	R.L. Nelson	1740
	K.W. Petterson	1740*
	O.N. Shipley	1740*
	T.W. Wright	CS6G

\*Present at meeting

Following are minutes of the meeting held at the CED construction trailers on 04/18/85 at 9:00 a.m.

#### 1. Construction Progress

- a. The first 42" VCP joint, which connects the first new pipe to the existing stub out from the existing inlet box, has been difficult to make successfully due to the condition of the existing stub out. The existing pipe has been carefully dried and sandblasted preparatory to another attempt to make a good joint. If the joint fails, special measures may have to be taken.
- b. The soldier beam piles have been pulled from manhole 1-AA to 1-CC.
- c. Backfilling is in progress between manholes 1-AA and 1-BB.
- d. Soldier beam piling has been driven from manhole 1-EE to manhole 2-AA. Excavation of the trench has begun.
- e. Three joints were tested on 42" VCP east of manhole 1-DD. All passed.
- f. Sixteen joints were tested between manholes 1-CC and 1-DD. Four had leaks. Repairs have been made and a retest is scheduled for 04/22/85.
- g. Nine joints were made on the 12" pipe on lateral #L-35 (manhole 1-FF to 1-BB). They will be tested the week of 04/22. Pipe was laid in the trench for lateral L-34. The tie-in will be made to the existing pipe (line currently has no flow).

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- h. Started to install monorail in ACL tunnel.
- i. Installation of sheet piping started at railroad tracks east of ACL.
- j. Manhole 1-CC currently being water tested.
- k. The concrete encasement that passes through the ACL culvert pipe has a small hole in it, and is slightly leaking.

2. Dewatering

- All 5 dewatering pumps are currently operating.


3. BBZ Warehouse

This warehouse is now being operated with the temporary facilities.

4. Miscellaneous

- a. Dismantling of the BI building needs to be accomplished soon to avoid future interferences. Nelson
- b. A letter was received from John Mathes & Associates, Inc. clarifying my letter of April 9 concerning compaction of backfill. A copy is attached.

The next progress meeting will be held at the CED construction trailers at 9:00 a.m. on Thursday, April 25, 1985.

  
Gordon A. Grundmann

mb/2178z

Attachment

WGK 4084747



**John Mathes  
& Associates, Inc.**  
Geotechnical Consultants

210 West Sand Bark Road  
P.O. Box 330  
Columbia, IL 62236-0330  
618/281-7173  
314/241-1785

April 18, 1985

Monsanto Company  
Corporate Engineering  
800 N. Lindberg Boulevard  
St. Louis, MO 64166

Attention Mr. Gordon Grundmann

Reference 42" Main South Trench Sewer,  
Krummrich Plant,  
April 9, 1985 Meeting

Dear Mr. Grundmann:

We would like to make the following changes, additions or clarifications to the attached minutes of the April 9, 1985 meeting concerning compacted backfill at the Krummrich 42" Main South Trench Sewer.

Item 1, Paragraph 2: Compaction levels were revised as follows:

1. Areas under pavement but not in the zone of influence of a building or structure; 92% Standard Proctor 2 feet or more below finished earth grade; 95% Standard Proctor in the upper 2 feet of fill.
2. Areas in zone of influence of a building or structure; 95% Standard Proctor.

Item 2a: Earth to be backfilled in a maximum of 1 foot thick lifts. If compaction cannot be attained because the lift is too thick, lift thickness should be reduced or heavier equipment used.

New Item: Earth fill that is too wet to be compacted to the required degree in pavement areas shall be compacted to the maximum attainable degree. If the fill is dry enough, it shall be compacted to at least the minimum required degree. All fill in areas within the zone of influence of buildings or structures shall be compacted to the minimum specified degree.

New Item: The contractor is responsible for compacting all areas within the excavation in accordance with the aforementioned guidelines. This includes areas around and outside the soldier beams and alongside the concrete encasement.

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Monsanto Company

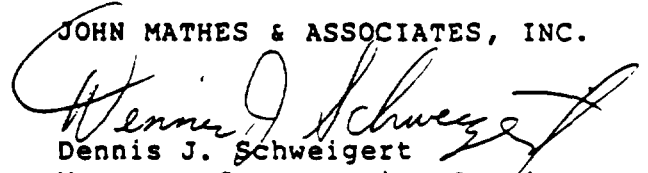
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If you have any questions or wish to revise our proposed changes or additions, please do not hesitate to call.

Sincerely,

JOHN MATHES & ASSOCIATES, INC.



Dennis J. Schweigert  
Manager, Construction Services

DJS:es

CC: Ken Lichtenheld

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